

Species Tag:	66001	Species Name:	COF2
Version:	1		Carbonyl fluoride
Date:	Mar. 1988		
Contributor:	E. A. Cohen		

Lines Listed:	23090	Q(300.0)=	61418.617
Freq. (GHz) <	2982	Q(225.0)=	39884.121
Max. J:	90	Q(150.0)=	21707.002
LOGSTR0=	-9.0	Q(75.00)=	7677.150
LOGSTR1=	-9.0	Q(37.50)=	2717.064
Isotope Corr.:	0.0	Q(18.75)=	962.941
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	342.137
μ_a =	0.951	A=	11813.553
μ_b =		B=	11753.047
μ_c =		C=	5880.897

The data below 200 GHz and μ are from J. H. Carpenter, 1974, J. Mol. Spect. **50**, 82. The data above 200 GHz were reported by E. A. Cohen and W. Lewis-Bevin, 1991, J. Mol. Spect. **148**, 378. The dipole moment was measured by V. W. Laurie *et al.*, 1962, J. Chem. Phys. **37**, 2995.